

IN THE SPECIFICATION: ✓

Please amend the specification as follows:

Page 1, ✓

Line 15, change "priting" to --printing--.

Page 5, ✓

Line 6, change "conttroller" to  
--controller--.

Page 7, ✓

Line 3, delete "of".

Page 16, ✓

Lines 17-18, change "intemediate" to  
--intermediate--.

Page 17, ✓

Line 12, change "heater" to --roller--.

Page 18, ✓

Line 18, change "resitration" to  
--registration--;

Line 23, change "sensors" to --rollers--; and

Line 24, change "ao" to --so--.

Page 24,

Line 16, delete "the" (second occurrence).

Page 26,

Line 4, change "2002" to --2103--; and

Line 22, change "trasmits" to --transmits--.

Page 27,

Line 18, change "is" to --are--.

Page 34,

Line 18, change "oommunication" to  
--communication--.

Page 38,

Line 14, change "902" to --906--.

Page 39,

Line 16, delete "the" (third occurrence).

Page 40,

Line 17, change "2202" to --2002--.

Page 43,

Line 18, delete "of".

Page 44,

Line 12, change "bve" to --be--; and

Line 25, change "chage" to --change--.

Page 47,

Line 6, change "chassette" to --cassette--;

and

Line 20, change "are" to --is--.

Page 49,

Line 8, change "902" to --901--; and

Line 12, change "902" to --901--.

Page 51,

Line 23, change " TRUE" " to --"TRUE"--.

Page 52,

Line 7, change "date" to --data--; and

Line 16, change "of" to --for--.

Page 53,

Line 1, change "printer" to --DC-- and change

"2103" to --2002--;

Line 17, change "printer" to --reader-- and  
change "203" to --901--; and

Line 18, change "/CCDM" to --/CCMD--.

Page 54,

Line 3, change "2002" to --901--.

Page 57,

Line 4, change "2103" to --901--.

IN THE CLAIMS:

Please amend claims 37-57 as follows:

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37. (Amended) An image processing apparatus  
connectable to an external device that can transmit printing  
data and to an original-reading device which generates  
reproduction image data by reading an original image, said  
image processing apparatus employing an image forming device  
which forms an image on a sheet, said image processing  
apparatus comprising:

an engine controller for controlling the [an] image  
forming device [which forms an image on a sheet] based on  
image data,

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a printer controller for forming print image data from the printing data transferred from the [an] external apparatus and transmitting the print image data to said engine controller;

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a reader controller for receiving the reproduction image data generated by the [from] an original-reading device [which outputs image data by reading an image of an original], and for transmitting the reproduction image data to said engine controller; and

transmitting means for selectively transmitting a state signal indicating a condition [state] of the image forming device to at least one of said printer controller and [or] said reader controller in accordance with a content of the state signal.

38. (Amended) The apparatus according to claim 37, wherein said transmitting means selectively transmits the state signal to said printer controller or said reader controller also in accordance with which of the reproduction image data and [a source of] the print image data is being transmitted to said engine controller.

~~39. (Amended) The apparatus according to claim 37,~~

wherein the condition indicated by the state signal  
[indicates that there] is a change in a state of the image  
forming device.

40. (Twice Amended) A controller for an image

forming apparatus connectable to an external apparatus and to  
an original-reading device which outputs reproduction image  
data formed by reading an original image, the image forming  
apparatus employing an image forming device for forming an  
image on a sheet, a printer controller which outputs print  
image data formed from printing data transferred from the  
external apparatus, and an engine controller which controls  
the image forming device based on the reproduction image data  
output by the original-reading device and the print image  
data output by the printer controller and which outputs a  
state signal indicating a condition of the image forming  
device, said controller comprising:

first reception means for receiving the  
reproduction image data output by the [from an] original-  
reading device [which outputs image data by reading an image  
of an original];

second reception means for receiving the print  
image data output by the [from a] printer controller [which

~~Forms image data from printing data transferred from an~~  
external apparatus];

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selection means for selecting one of the  
reproduction image data received by [from] said first  
reception means and the print image data received by [from]  
said second reception means, and for transmitting the  
selected image data to the [an] engine controller which  
controls the [an] image forming device [for forming an image  
on a sheet] based on the selected image data; and

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transmitting means for selectively transmitting a  
state signal indicating a condition [state] of the image  
forming device to at least one of a processor, which controls  
the original-reading device, and the [or] printer controller,  
in accordance with a content of the state signal.

41. (Amended) The controller according to claim  
40, wherein said transmitting means selectively transmits the  
state signal to the processor [original-reading device] or  
the printer controller also in accordance with a source of  
the selected image data that is transmitted by said selection  
means to the engine controller.

42. ~~(Amended) The controller according to claim~~  
40, wherein the condition indicated by the state signal  
[indicates that there] is a change in a state of the image  
forming device.

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43. (Twice Amended) A control method for an image  
forming apparatus connected to an external apparatus and to  
an original-reading device which outputs reproduction image  
data formed by reading an original image, the image forming  
apparatus employing an image forming device for forming an  
image on a sheet, a printer controller which outputs print  
image data formed from printing data transferred from the  
external apparatus, and an engine controller which controls  
the image forming device based on the reproduction image data  
output by the original-reading device and the print image  
data output by the printer controller and which outputs a  
state signal indicating a condition of the image forming  
device, said method comprising:

a first receiving step of receiving the  
reproduction image data output by the [from an] original-  
reading device [which outputs image data by reading an image  
of an original];

a ~~second receiving step of receiving the print~~  
image data output by the [from a] printer controller [which



~~forms image data from printing data transferred from an external apparatus];~~

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a selecting step of selecting one of the reproduction image data received from the original-reading device and the print image data received from the printer controller, and transmitting the selected image data to the [an] engine controller which controls the [an] image forming device [for forming an image on a sheet] based on the selected image data; and

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a transmitting step of selectively transmitting a state signal indicating a condition [state] of the image forming device to at least one of a processor, which controls the original-reading device, and the [or] printer controller, in accordance with a content of the state signal.

44. (Amended) The method according to claim 43, wherein the state signal is selectively transmitted to the processor [original-reading device] or the printer controller in accordance also with which of the reproduction image data and [a source of] the print image data is transmitted in said selecting step to the engine controller.

45. (Amended) The method according to claim 43,  
wherein the condition indicated by the state signal  
[indicates that there] is a change in a state of the image  
forming device.

46. (Amended) An image processing apparatus  
connectable to an external device that can transmit printing  
data and to an original-reading device which generates  
reproduction image data by reading an original image, said  
image processing apparatus employing an image forming device  
which forms an image on a sheet, said image processing  
apparatus comprising:

an engine controller for controlling the [an] image  
forming device [which forms an image on a sheet] based on  
image data;

a printer controller for forming print image data  
from the printing data transferred from the [an] external  
apparatus, for transmitting the print image data to said  
engine controller, and for transmitting a command for setting  
an operation of said engine controller to said engine  
controller;

a reader controller for receiving the reproduction  
image data generated by the [from an] original-reading device  
[which outputs image data by reading an image of an

original], and for transmitting the reproduction image data to said engine controller; and

holding means for holding the command if the command is transmitted from said printer controller while [when] said reader controller is transmitting [transmits] the reproduction image data to said engine controller, and for transmitting the held command to said engine controller after said reader controller completes transmitting the reproduction image data to said engine controller.

47. (Amended) The apparatus according to claim 46, wherein said holding means holds the command while said reader controller is transmitting the reproduction image data if the command [which] causes a change in a load of the image forming device.

48. (Amended) A controller for an image forming apparatus connectable to an external apparatus and to an original-reading device which outputs reproduction image data formed by reading an original image, the image forming apparatus employing an image forming device for forming an image on a sheet, a printer controller which outputs (i) print image data formed from printing data transferred from the external apparatus and (ii) a command for setting an

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operation of the image forming device, and an engine controller which controls the image forming device based on the reproduction image data output by the original-reading device and the command and the print image data output by the printer controller, said controller comprising:

first reception means for receiving the reproduction image data output by the [from an] original-reading device [which outputs image data by reading an image of an original];

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second reception means for receiving the command and the print image data output by the [and a command for setting an operation from a] printer controller [which forms image data from printing data transferred from an external apparatus];

selection means for selecting one of the reproduction image data received by [from] said first reception means and the print image data received by [from] said second reception means, and for transmitting the selected image data to the [an] engine controller which controls the [an] image forming device [for forming an image on a sheet] based on the selected image data; and

holding means for holding the command if the command is received by [from] said second reception means while [when] the reproduction image data received by [from]

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said first reception means is being transmitted to the [said]  
engine controller, and for transmitting the held command to  
the [said] engine controller after [the] completion of the  
transmitting of the reproduction image data [received from  
said first reception means] to the [said] engine controller.

49. (Amended) The apparatus according to claim 47,  
wherein said holding means holds the command while the  
reproduction image data is being transmitted if the command  
[which] causes a change in a load of the image forming  
device.

50. (Amended) A method of controlling an image  
forming apparatus, by controlling a reader controller which  
controls an original-reading device which outputs  
reproduction image data by reading an image of an original,  
the image forming apparatus being connected to an external  
apparatus and employing an image forming device for forming  
an image on a sheet, a printer controller which outputs (i)  
print image data formed from printing data transferred from  
the external apparatus and (ii) a command for setting an  
operation of the image forming device, and an engine  
controller which controls the image forming device based on  
the reproduction image data output by the original-reading

device and the command and the print image data output by the printer controller, said method comprising the steps of:

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a first reception [receiving] step of receiving the reproduction image data output by [from] the original-reading device;

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a second reception step of receiving the command and the print image data output by the [and a command for setting an operation from a] printer controller [which forms image data from printing data transferred from an external apparatus];

a selecting step of selecting one of the reproduction image data received from the original-reading device and the print image data received from the printer controller and transmitting the selected image data to the [an] engine controller which controls the [an] image forming device [mechanism for forming an image on a sheet] based on the selected image data;

a holding step of holding the command if the command is received from the printer controller while [when] the reproduction image data received from the original-reading device is being transmitted to the [said] engine controller; and

a transmitting step of transmitting the held command to the [said] engine controller after [the]

completion of the transmitting of the reproduction image data  
[received from the original-reading device] to the engine  
controller.

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51. (Amended) The method according to claim 50,  
wherein the command [which] is held in said holding step if  
the command causes a change in a load of the image forming  
device.

52. (Amended) An image processing apparatus  
connectable to an external device that can transmit printing  
data and to an original-reading device which generates  
reproduction image data by reading an original image, said  
image processing apparatus employing an image forming device  
which forms an image on a sheet, said image processing  
apparatus comprising:

an engine controller for controlling the [an] image  
forming device [which forms an image on a sheet] based on  
image data, and for outputting a data request signal;

a printer controller for forming print image data  
from the printing data transferred from the [an] external  
apparatus and transmitting the print image data to said  
engine controller in response to the data request signal from  
said engine controller;

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~~a reader controller for receiving the reproduction image data from the [an] original-reading device [which outputs image data by reading an image of an original] in response to the data request signal from said engine controller, and for transmitting the reproduction image data to said engine controller; and~~

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~~transmitting means for selectively transmitting the data request signal to at least one of said printer controller and [or] said reader controller in accordance with a source of the image data to be transmitted to said engine controller.~~

53. (Amended) The apparatus according to claim 52, wherein when there is a request to transmit the reproduction image data from the original-reading device to said engine controller while the print image data from said printer controller is being transmitted to said engine controller, said transmitting means interrupts [the] transmission of the data request signal to said printer controller and transmits the data request signal to said reader controller.



54. (Amended) A reader controller for controlling  
an image forming apparatus connectable to an external  
apparatus that can transmit printing data, the image forming  
apparatus employing an image forming device for forming an  
image on a sheet, an engine controller which controls the  
image forming device based on image data and outputs a data  
request signal, and a printer controller which forms print  
image data from the printing data transferred from the  
external apparatus and outputs the print image in response to  
the data request signal, the image forming apparatus being  
connectable to[, by controlling] an original-reading device  
which outputs reproduction image data by reading an image of  
an original in response to the [a] data request signal, said  
reader controller controlling the original-reading device and  
comprising:

first reception means for receiving the  
reproduction image data from the original-reading device;

second reception means for receiving the print  
image data from the [a] printer controller [which forms image  
data from printing data transferred from an external  
apparatus and outputs the image data in response to a data  
request signal];

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~~selection means for selecting one of the~~  
reproduction image data received from said first reception means and the print image data received from said second reception means and transmitting the selected image data to the [an] engine controller which controls the [an] image forming device [for forming an image on a sheet] based on the selected image data [and outputs the data request signal]; and

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transmitting means for selectively transmitting the data request signal output from the engine controller to the original-reading device or the [said] printer controller in accordance with a source of the selected image data to be transmitted to the engine controller.

55. (Amended) The apparatus according to claim 54, wherein when there is a request to transmit the reproduction image data from the original-reading device to the engine controller while the print image data from the printer controller is being transmitted to the engine controller, said transmitting means interrupts [the] transmission of the data request signal to the printer controller and transmits the data request signal to the original-reading device.

56. (Amended) ~~A control method for an image~~  
forming apparatus connectable to an external apparatus that  
can transmit printing data, the image forming apparatus  
employing an image forming device for forming an image on a  
sheet, an engine controller which controls the image forming  
device based on image data and outputs a data request signal,  
and a printer controller which forms print image data from  
the printing data transferred from the external apparatus and  
outputs the print image data in response to the data request  
signal, the image forming apparatus being connectable to an  
original-reading device which outputs reproduction image data  
by reading an image of an original in response to the data  
request signal, comprising:

a first receiving step of receiving the  
reproduction image data from the [an] original-reading device  
[which outputs image data by reading an image of an original  
in response to a data request signal];

a second receiving step of receiving the print  
image data from the [a] printer controller [which forms image  
data from printing data transferred from an external  
apparatus and outputs the image data in response to a data  
request signal];

a selecting step of selecting one of the  
reproduction image data received from the original-reading

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device and the print image data received from the printer controller and transmitting the selected image data to the [an] engine controller which controls the [an] image forming device [for forming an image on a sheet] based on the selected image data [and outputs the data request signal]; and

a transmitting step of selectively transmitting the data request signal output from the engine controller to the original-reading device or the printer controller in accordance with a source of the selected image data to be transmitted to the engine controller.

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57. (Amended) The method according to claim 56, wherein when there is a request to transmit the reproduction image data from the original-reading device to the engine controller while the print image data from the printer controller is being transmitted to the engine controller, said transmitting step comprises interrupting [the] transmission of the data request signal to the printer controller [is interrupted] and transmitting the data request signal [is transmitted] to the original-reading device.